

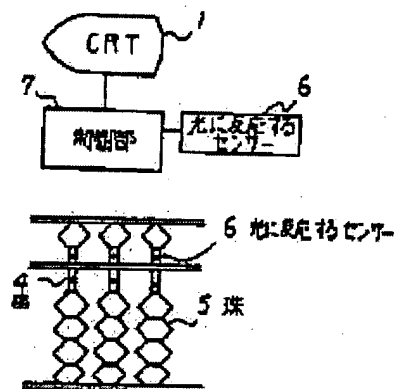
**SOROBAN****Publication number:** JP2127712**Publication date:** 1990-05-16**Inventor:** OOE CHIZUKO**Applicant:** NIPPON ELECTRIC CO**Classification:****- international:** G06C1/00; G06F3/02; G06C1/00; G06F3/02; (IPC1-7):  
G06C1/00; G06F3/02**- european:****Application number:** JP19880281882 19881107**Priority number(s):** JP19880281882 19881107

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**Abstract of JP2127712**

**PURPOSE:** To prevent the input mistakes of SOROBAN (Japanese abacus) to a terminal equipment by preparing the light-sensitive sensors at the positions where the abacus beads are stopped and inputting electrically the reaction results of these sensors.

**CONSTITUTION:** A SOROBAN 3 is used to a terminal equipment to obtain the input value. An abacus spit 4 of the SOROBAN 3 contains two light-sensitive sensors 6 at the upper stage part of the spit and five sensors 6 at the lower stage part of the spit where the abacus beads 5 are stopped respectively. When a calculation is over with the SOROBAN 3, each sensor 6 sends its reading result to a control part 7. The part 7 receives the reading result from the sensor 6 and inputs it to a CRT 1 for display. As a result, the result of calculation can be inputted to the terminal equipment with no manual operation. Then the manual input mistakes can be prevented.

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